**Index of Claims** 

| Appl | ication. | /Co | ntro | l No. |
|------|----------|-----|------|-------|

10/602,318

Examiner S. Mark Clardy Applicant(s)/Patent under Reexamination

HIROMOTO, BRYAN

Art Unit

1617

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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Date

| Cla      | aim          | Date            |   |          |          |          | 1            | Claim Date |         |                   |       |          | 7        | Claim   |        |   |              |          |         |    |                        |            |   |
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|          | 1_           | =               |   |          |          |          |              |            |         | 1                 |       | 51       | Ť        |         | $\top$ |   |              |          |         |    |                        | 101        |   |
|          | 1            |                 |   |          |          |          |              | П          |         | 1                 |       | 52       | T        |         |        |   |              | T        |         | 1  |                        | 102        |   |
|          | 31           |                 |   |          |          |          |              |            |         | ]                 |       | 53       |          |         |        |   |              |          |         | ]  |                        | 103        |   |
|          | 4            | =               |   |          |          |          |              |            |         | ]                 |       | 54       |          |         |        |   |              | T        |         | ]  |                        | 104        |   |
|          | کار          |                 |   |          |          |          |              |            |         | ]                 |       | 55       |          |         |        |   |              |          |         |    |                        | 105        |   |
|          | 6_           | =               |   |          |          |          |              |            |         | ]                 |       | 56       |          |         |        |   |              |          |         |    |                        | 106        |   |
|          | 7            | =               |   |          |          |          |              |            |         | ]                 |       | 57       |          |         |        |   |              |          |         |    |                        | 107        |   |
|          | 8            | =               |   |          |          | L        |              |            |         | ]                 |       | 58       |          |         |        |   |              |          |         |    |                        | 108        |   |
|          | 9            | =               |   |          |          |          |              |            |         |                   |       | 59       |          |         |        |   |              |          |         | _] |                        | 109        |   |
|          | 10           | =               |   | _        |          |          |              |            |         | ]                 |       | 60       |          |         | 丄      |   |              | $\perp$  |         | ╛  |                        | 110        |   |
|          | 11           | =               |   | L        |          | <u> </u> |              |            |         | ]                 |       | 61       |          |         |        | $\perp$                                 |              |          |         | _  |                        | 111        |   |
|          | 12           | =               |   | <u></u>  | _        |          |              |            |         |                   |       | 62       |          |         |        | $oxed{\Box}$                            |              |          |         | _  |                        | 112        | $oldsymbol{\perp}$  |
|          | 13           | =               |   | Ŀ        |          |          |              | Ш          |         |                   |       | 63       |          |         | L      | Ш                                       |              |          |         | 1  |                        | 113        |   |
| L        | 14           | +               |   | _        |          | <u> </u> | $oxed{oxed}$ |            | $\perp$ | 1                 |       | 64       |          |         |        | $oxed{oxed}$                            | $oxed{oxed}$ |          |         | _  |                        | 114        |   |
|          | 15           | +               |   | L        | L        | _        |              |            |         |                   |       | 65       |          |         |        |   |              |          |         | _  |                        | 115        |   |
| L        | 16           | +               |   |          |          |          | L            |            |         |                   |       | 66       |          | $\perp$ |        |   |              | $\perp$  |         | _  |                        | 116        |   |
|          | 17           | =               |   |          |          |          | L            |            |         |                   |       | 67       |          |         |        |   | $\Box$       | _        |         | ╛  |                        | 117        | $\perp$   |
|          | 18           | =               |   |          |          |          |              |            |         |                   |       | 68       |          | $\perp$ |        |   |              | _        |         |    |                        | 118        | ot  |
|          | 19           | Ξ               |   |          |          | _        |              |            |         |                   |       | 69       |          | $\perp$ |        | $\sqcup$                                |              |          |         | _  |                        | 119        |   |
|          | 20           |                 |   |          |          |          |              |            |         |                   |       | 70       |          | $\perp$ |        | Ш                                       | $\Box$       | $\perp$  | $\perp$ | _  | Ш                      | 120        | $\perp$   |
|          | 21           |                 |   |          | _        |          |              |            |         | ]                 |       | 71       |          |         | 1_     | Ш                                       |              |          |         | ╛  |                        | 121        | $\bot$  |
|          | 22           | Ш               |   |          |          |          |              |            |         | 1                 |       | 72       | _        |         | _      | Ш                                       |              | _        |         | 4  |                        | 122        |   |
|          | 23           | Щ               |   |          | _        |          |              | Щ          |         | ]                 |       | 73       | _        |         | 1_     | Ш                                       | $\Box$       | 4        |         | _  |                        | 123        | $\perp$   |
| L        | 24           | Ш               |   |          |          |          |              | Ш          |         | 1                 |       | 74       |          |         |        |   |              | _        |         |    |                        | 124        |   |
|          | 25           | Ш               |   |          |          |          | L            |            |         | .                 |       | 75       | $\perp$  |         | 1_     |   |              | $\perp$  |         | 1  | Щ                      | 125        |   |
| <u> </u> | 26           | Щ               |   |          |          |          |              |            |         | 1                 |       | 76       | _        |         | ┸      | Ш                                       |              | _        |         |    |                        | 126        |   |
| <u> </u> | 27           |                 |   |          |          |          |              |            |         |                   |       | 77       | $\perp$  |         | 1      | Ш                                       | Ц            | _        |         | 4  |                        | 127        |   |
| ļ        | 28           |                 |   |          |          |          |              |            |         | 1                 |       | 78       | _        |         | ┸      | Ш                                       | _            | 4        |         | 4  |                        | 128        |   |
| ļ        | 29           |                 |   |          | _        | _        |              | _          | _       |                   |       | 79       | _        |         | 4_     | 1                                       |              | _        |         | 4  |                        | 129        | $\perp$   |
| <u></u>  | 30           |                 |   |          |          |          | L            |            | $\perp$ | .                 |       | 80       | _        | _       | 1_     | Ш                                       |              | 4        |         | 4  | $\sqcup$               | 130        |   |
|          | 31           |                 |   |          |          | _        | _            | _          | _       | 4                 |       | 81       | _        |         | ╄      | Ш                                       | $\dashv$     | 4        | $\bot$  | 4  | igsquare               | 131        |   |
| <u> </u> | 32           |                 |   |          |          |          | L            | 4          |         |                   |       | 82       | -        |         | $\bot$ | Ш                                       | $\sqcup$     | 4        | _       | 4  |                        | 132        |   |
| <u> </u> | 33           | Ш               |   | <u> </u> | Ь.       |          | Щ            | $\sqcup$   | $\perp$ | 1                 |       | 83       | $\perp$  |         | 4      | Ш                                       |              | $\dashv$ |         | 4  |                        | 133        |   |
| ⊢        | 34           |                 |   | _        | _        | _        | <u> </u>     | -          | - -     | 1                 |       | 84       | _        | 4       | ╀-     | $\vdash$                                | $\perp$      | $\dashv$ | 4       | 4  | $\vdash$               | 134        | $\dashv$  |
| <u> </u> | 35           | $\vdash \vdash$ |   | $\vdash$ | <u> </u> | ļ        | <u> </u>     | $\dashv$   | -       | 1                 |       | 85       | +        | _       | +      | Н                                       | $\dashv$     | $\dashv$ | +       | 4  |                        | 135        | $\dashv$  |
| <u> </u> | 36_          | _               |   |          | <u> </u> | <u> </u> | $\vdash$     | $\sqcup$   | +       | 1                 |       | 86       | $\dashv$ | _       | +      | $\vdash$                                |              | _        | -       | 4  | igdash                 | 136        | $-\!$ |
| $\vdash$ | 37           | Ш               |   | Щ.       | <u> </u> | $\vdash$ | <u> </u>     | $\dashv$   |         | 1                 |       | 87       | $\dashv$ |         | ╁      | $\vdash$                                | $\dashv$     | +        | +       | 4  |                        | 137        | $\dashv$  |
| <u></u>  | 38           | $\Box$          |   | $\vdash$ | _        | $\vdash$ | $\vdash$     | $\dashv$   | +       | 1                 |       | 88       | $\dashv$ | _       | -      | $\vdash$                                | -            |          |         | 4  | $\vdash \vdash \vdash$ | 138        | $\dashv$  |
| <u> </u> | 39           | $\vdash$        |   | $\vdash$ | <u> </u> |          | <u> </u>     | $\dashv$   |         | 1                 |       | 89       | -        | _       | +      | $\vdash$                                | $\dashv$     | $\dashv$ | +       | 4  | $\vdash \vdash$        | 139        | +   |
| <u> </u> | 40           | $\square$       |   | $\vdash$ |          | _        | $\vdash$     | $\vdash$   |         | 1                 |       | 90       | -        | -       | +      | $\vdash$                                |              | $\dashv$ |         | 4  |                        | 140        | -   |
| -        | 41           | $\vdash$        |   | <u> </u> |          | <u> </u> | <u> </u>     | $\dashv$   |         | 1                 |       | 91       | -        | _       | +      | $\vdash$                                | -            | $\dashv$ | - -     | 4  | $\vdash \vdash \vdash$ | 141        | $\dashv$  |
|          | 42           | $\vdash \vdash$ | _ | -        | -        | <u> </u> | <u> </u>     | $\dashv$   |         | 1                 |       | 92       | -        |         | +-     | $\vdash$                                | $\dashv$     |          |         | 4  |                        | 142        |   |
|          | 43           | $\vdash$        |   | <u> </u> | Н-,      | <u> </u> | $\vdash$     | $\dashv$   | +       | 1                 |       | 93       | $\dashv$ |         | +      | Н                                       | $\dashv$     | -        | +       | -  |                        | 143        |   |
| -        | 44<br>45     | $\vdash$        |   | $\vdash$ | -        | -        | -            | $\dashv$   | +       |                   |       | 94       | +        | +       | +      | $\vdash$                                | $\dashv$     | +        | +       | 4  |                        | 144        |   |
| -        | 46           | $\vdash$        | _ | Н        | Н        | $\vdash$ | $\vdash$     | $\dashv$   |         | 1                 |       | 95       | -        | +       | +-     | $\vdash\vdash$                          | $\dashv$     | _        | +-      | 4  | $\vdash$               | 145        |   |
| -        | 46           | $\vdash$        |   | $\vdash$ | $\vdash$ | $\vdash$ | Н            | $\dashv$   | +       | <b> </b>          |       | 96<br>97 | $\dashv$ | +       | +-     | $\vdash$                                | $\dashv$     | -        | -       | 4  | $\vdash$               | 146<br>147 |   |
|          | 48           | $\vdash$        |   | $\vdash$ | Н        | -        | $\vdash$     | $\dashv$   | +       |                   |       | 98       | +        | +       | +-     | Н                                       | $\dashv$     | $\dashv$ | +-      | 4  | $\vdash \vdash \vdash$ |            | +   |
| -        | 48           | $\vdash \vdash$ |   | H        | Н        | H        | $\vdash$     | $\dashv$   | +       | $\mid \cdot \mid$ |       | 99       | $\dashv$ | +       | +      | $\vdash$                                | $\dashv$     | +        | +       | 1  | <del>  </del>          | 148        | +   |
| $\vdash$ | 50           | -               | _ | $\vdash$ | Н        | H        | $\vdash$     | $\dashv$   | +-      | {                 |       | 100      | +        | +       | +      | $\vdash$                                | -            | +        | +       | 4  | $\vdash$               | 149<br>150 | +   |
| L        | JU           |                 |   |          | ليبا     | نـــا    | لــــا       | ш          | l       | JI                |       | IUU      |          | L_      |        | لــــــــــــــــــــــــــــــــــــــ |              | l_       |         | J  |                        | 130        |   |

|       |  | _              | _        |          |          |          | —        | _        | _        | _             |
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| Final | Original   |                |          |          |          |          |          |          |          |               |
|       | 101<br>102<br>103<br>104<br>105<br>106   |                | -        |          |          |          |          |          | $\vdash$ | -             |
|       | 102  |                |          |          |          |          |          |          |          |               |
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|       | 104  |                | _        | _        | _        |          | Т        | $\vdash$ | _        | _             |
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|       | 107  |                | $\vdash$ | $\vdash$ | $\vdash$ | _        | -        | -        | _        | $\vdash$      |
|       | 107<br>108   | Н              | _        | $\vdash$ |          | H        | $\vdash$ | $\vdash$ |          | $\vdash$      |
|       | 109<br>110<br>111  | Н              |          | <u> </u> | H        | -        | -        | $\vdash$ | -        | -             |
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|       | 113  | Н              |          |          | Н        | -        |          | $\vdash$ | -        | $\vdash$      |
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|       | 117  | Н              | _        | ┝        | $\vdash$ | -        | _        | -        | $\vdash$ | $\vdash$      |
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|       | 121  |                |          | ┝        | -        |          |          |          |          | Н             |
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|       | 124  | _              |          | ┝        | <u> </u> | -        | _        | <u> </u> |          | Н             |
|       | 120  |                |          | <u> </u> |          | _        |          | <u> </u> |          | Н             |
|       | 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133   | Н              |          | _        | $\vdash$ |          |          | _        |          | H             |
|       | 127  | $\vdash$       | _        | H        | $\vdash$ | -        | _        | H        |          | $\vdash$      |
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|       | 131  | -              |          |          |          |          |          |          |          |               |
|       | 132  |                |          | Н        |          |          |          |          |          |               |
|       | 133  |                |          | _        | _        |          |          | _        |          |               |
|       | 134<br>135   | _              |          |          | _        | _        |          | _        |          |               |
|       | 135  |                |          |          |          | _        |          | _        |          |               |
|       | 136  | -              |          |          |          |          |          |          |          |               |
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|       | 141  | -              |          |          | _        | _        | _        | _        |          |               |
|       | 142  | -              |          |          | $\vdash$ |          |          |          |          |               |
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|       | 147  | $\vdash$       |          | <u> </u> | $\vdash$ | _        |          | $\vdash$ |          |               |
|       | 148  | Ш              |          | L        | oxdot    | L        |          | Ш        | Ш        |               |
|       | 149<br>150   |                |          | <u> </u> | Щ        | Щ        |          | _        |          |               |
|       |  |                |          |          |          |          |          |          |          |               |